

WILSON PARK
PARKING LOT REHABILITATION
AT
CRENSHAW BOULEVARD
AND
JEFFERSON STREET
FEAP 741

GENERAL NOTES

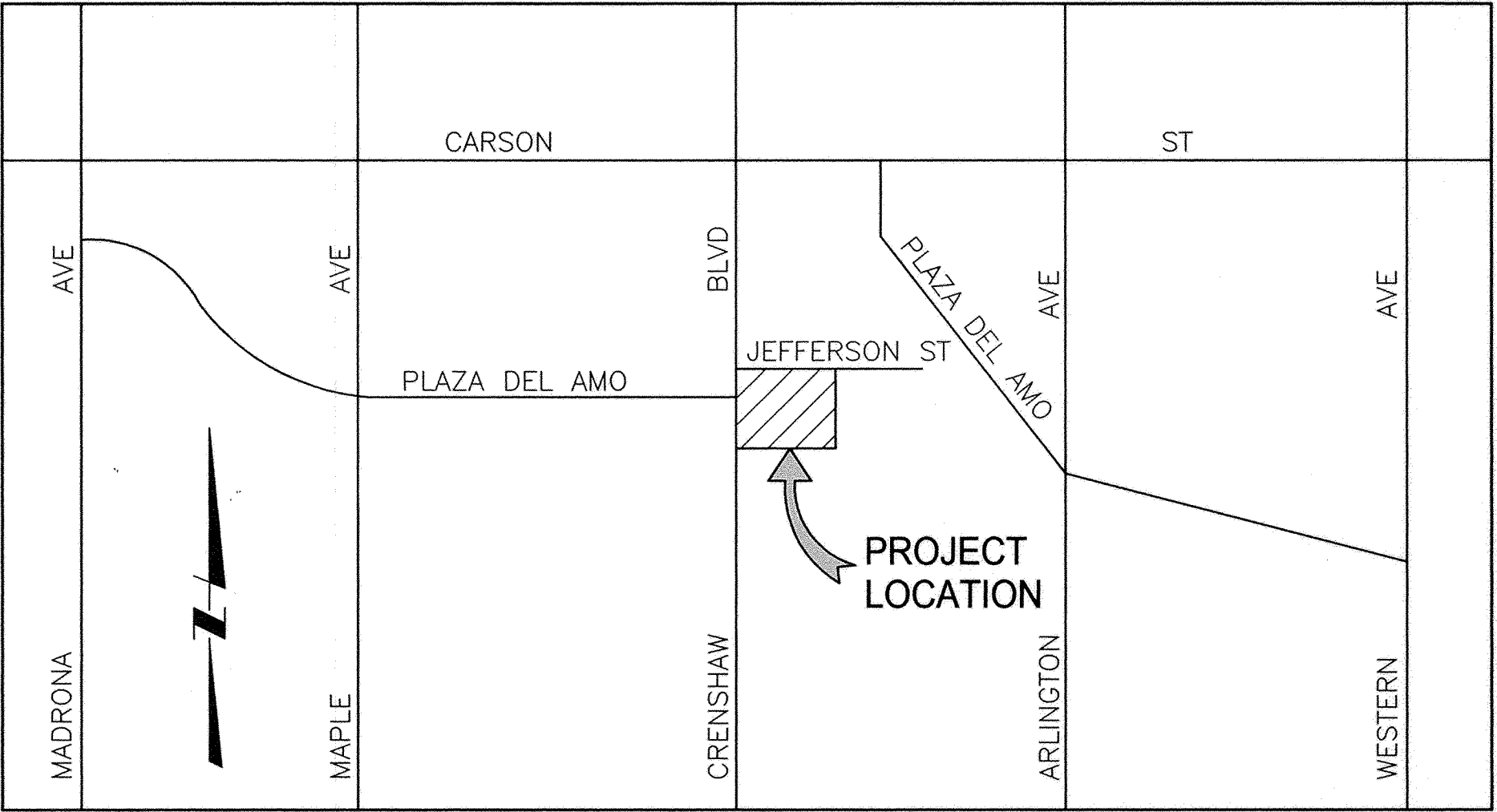
1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION AND SUPPLEMENTS THERETO, AS WRITTEN AND PROMULGATED BY THE JOINT COOPERATIVE COMMITTEE OF THE SOUTHERN CALIFORNIA CHAPTER OF THE A.P.W.A., AND THE SOUTHERN CALIFORNIA DISTRICTS OF THE A.G.C.C., HEREINAFTER REFERRED TO AS THE STANDARD SPECIFICATIONS, TORRANCE STANDARD T600, AND TO THE SATISFACTION OF THE ENGINEERING DIRECTOR.
2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE, VERIFY DEPTH AND PROTECT ALL STRUCTURES, INCLUDING SUBSTRUCTURES, SHOWN ON THE PLAN. THE CONTRACTOR SHALL BEAR THE ENTIRE COST OF REPAIRING OR REPLACING ANY OF SAID STRUCTURES DAMAGED BY HIM DURING PROSECUTION OF THE WORK. ALL REPAIRS AND REPLACEMENTS SHALL BE DONE IN THE PRESENCE OF THE INSPECTOR. ALL LOCATIONS SHOWN ON THE PLAN FOR UTILITY LINES HAVE BEEN TAKEN FROM AVAILABLE RECORDS AND THEIR COMPLETENESS AND CORRECTNESS ARE IN NO WAY GUARANTEED.
3. THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (USA) AT 1-800-227-2600 AND ALL PUBLIC UTILITY COMPANIES AND OWNERS OF PRIVATE FACILITIES WITHIN THE AREA OF CONSTRUCTION AT LEAST 2 WORKING DAYS IN ADVANCE OF PERFORMING ANY WORK WITH SAID AREA.
4. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM THE ENGINEERING DIRECTOR BEFORE COMMENCING WORK. TRAFFIC CONTROL WITHIN PUBLIC STREET RIGHTS OF WAY SHALL BE IN CONFORMANCE WITH THE "WORK AREA TRAFFIC CONTROL HANDBOOK," LATEST EDITION.
5. CAUTION: REVIEW APPROVED CONSTRUCTION PLAN. IF CONSTRUCTION REQUIRES WORKERS AND/OR EQUIPMENT TO BE WITHIN 6 FEET OR CRANES OR HOISTING DEVICES TO BE WITHIN 10 FEET OF OVERHEAD ELECTRIC LINES, CALL BOB CONWAY OF SOUTHERN CALIFORNIA EDISON CO. AT (310) 783-9339 FOR PROJECTS IN RESIDENTIAL AREAS OR MERV HUGHES AT (310) 783-9331 FOR PROJECTS IN COMMERCIAL AREAS.
6. PRIOR TO COMMENCEMENT OF WORK, ALL SURVEY MONUMENTS IN THE PROJECT AREA SHALL BE LOCATED AND TIED OUT. ALL CENTERLINE MONUMENTS OR TIES LOST OR DESTROYED BY THIS WORK SHALL BE REPLACED EITHER BY A LICENSED SURVEYOR OR A CIVIL ENGINEER REGISTERED PRIOR TO JANUARY 1, 1982 AND NEW TIE SHEETS PROVIDED. METHOD OF ESTABLISHMENT SHALL BE STATED ON THE TIE SHEET.
7. GRADE SHEETS PREPARED AND STAMPED BY A LICENSED ENGINEER OR SURVEYOR SHALL BE DELIVERED TO THE INSPECTOR PRIOR TO COMMENCEMENT OF WORK.
8. UNLESS OTHERWISE SHOWN, ALL TRAFFIC SIGNS SHALL BE RELOCATED OR REMOVED BY THE CITY. THE CONTRACTOR SHALL NOTIFY THE STREET DEPARTMENT AT (310) 781-6900 AT LEAST 2 WORKING DAYS IN ADVANCE TO ARRANGE THE WORK. THE CONTRACTOR SHALL PROVIDE A 24-HOUR TELEPHONE NUMBER FOR EMERGENCY REPAIRS TO TRAFFIC CONTROL AND PAVEMENT MARKINGS.
9. THE BASE SHALL BE CRUSHED AGGREGATE BASE PER SECTION 200-2.2 OF THE STANDARD SPECIFICATIONS.
10. BASE FOR RESIDENTIAL DRIVEWAY MAY BE OMITTED ON SANDY SOILS AND SHALL BE 4" ON CLAYEY SOILS. SANDY SOILS SHALL BE DETERMINED BY A MINIMUM SE OF 30 PER SAND EQUIVALENT TEST AS PER SECTION 211-3 OF THE STANDARD SPECIFICATIONS.
11. "X" DIMENSION SHOWN ON A.P.W.A. STANDARD 110 SHALL BE 3 FEET UNLESS OTHERWISE CALLED FOR ON THE PLAN OR IN THE SPECIFICATIONS.
12. MINIMUM LENGTH OF FULL HEIGHT CURB BETWEEN DRIVEWAYS ON THE SAME LOT SHALL BE 20 FEET.
13. FOR ASPHALT CONCRETE SECTION 4" THICK OR GREATER, UNLESS OTHERWISE SHOWN, THE CONTRACTOR SHALL CONSTRUCT A MINIMUM 2" THICK FINISH COURSE USING CLASS C2-AR-4000 OVER A BASE COURSE OF CLASS B-AR-4000 PER SECTION 203-6 OF THE STANDARD SPECIFICATIONS. CLASS D2-AR-4000 ASPHALT CONCRETE SHALL BE USED IF FINISH COURSE IS LESS THAN 2" THICK. FOR SECTION LESS THAN 4" THICK, ASPHALT CONCRETE SHALL BE CLASS C2-AR-4000 UNLESS OTHERWISE SPECIFIED. THE MAXIMUM THICKNESS OF EACH LIFT SHALL BE 4". INSTALLATION OF THE FINAL COURSE SHALL NOT TAKE PLACE UNTIL ALL UNDERGROUND UTILITY TRENCHING HAS BEEN COMPLETED AND WRITTEN APPROVAL TO PROCEED HAS BEEN GRANTED BY THE ENGINEERING DIRECTOR.
14. THE CONTRACTOR SHALL NOTIFY THE CITY STREET DEPARTMENT AT (310) 781-6900 PRIOR TO TRIMMING, REMOVING OR RELOCATING ANY EXISTING TREES.
15. IF STREET TREES ARE REQUIRED IN THE PARKWAY, NEWLY INSTALLED TREES SHALL HAVE DEEP ROOTING COLLARS INSTALLED PER MANUFACTURER'S SPECIFICATIONS AND TO THE SATISFACTION OF THE STREETScape ADMINISTRATOR. CONTACT THE CITY STREET DEPARTMENT AT (310) 781-6900 FOR TYPE(S), SIZE(S) AND LOCATION(S) OF TREES.
16. PLANTED AND IRRIGATED PARKWAY(S) (IF REQUIRED) SHALL HAVE MATERIALS AND PLANTS APPROVED BY THE STREETScape ADMINISTRATOR PRIOR TO INSTALLATION.
17. DURING NON-CONSTRUCTION HOURS, ALL EXCAVATIONS MUST BE PLATED OR BACKFILLED EXCEPT BORE PITS WHICH SHALL BE SECURED WITH K-RAIL AND 6' HIGH CHAIN LINK FENCE PANELS SECURED IN PLACE TO THE SATISFACTION OF THE ENGINEERING DIRECTOR. PLATES SHALL BE TACK WELDED, PINNED AND/OR SECURED IN PLACE BY ANOTHER METHOD APPROVED BY THE INSPECTOR.
18. THE CONTRACTOR SHALL MAKE AVAILABLE FOR THE INSPECTOR'S REVIEW, ON A DAILY BASIS, AS-BUILT DRAWINGS FOR WORK PERFORMED UP TO AND INCLUDING THE PREVIOUS DAY'S ACTIVITIES. WORK SHALL NOT BE CONSIDERED AS COMPLETE UNTIL AS-BUILT DRAWINGS ARE SUBMITTED TO AND ACCEPTED BY THE ENGINEERING DIRECTOR.
19. CONTRACTOR TO OBTAIN A LICENSED SURVEYOR TO OBTAIN SURVEY CONTROL PLAN FOR THE FOLLOWING:
 - A. STRIPING CONTROL
 - B. FARMER'S MARKET CONTROL
 - C. PROPOSED GUTTER (ADDITIONAL ALTERNATIVE #1)
 - D. LANDSCAPE STRIP SOUTHERLY OF LOT (ADDITIONAL ALTERNATIVE #2)PLANS OF ALL ITEMS (A-D) SHALL BE PROVIDED TO CITY PRIOR TO THE START OF ANY WORK
20. "QUANTITIES NOTED ON PLANS" CONTRACTOR SHALL CONFIRM ALL QUANTITY ESTIMATES NOTED ON PLANS PRIOR TO BID. CONTRACTOR TO MAKE NECESSARY ADJUSTMENT TO ASSURE OWNER THAT ALL ITEM NOTES ARE SUFFICIENT TO CONFIRM EACH SPECIFIC BID ITEM.
21. COORDINATION WITH OTHERS. CITY FORCES AND OTHER CONTRACTORS MAY BE USING OR DESIRE ACCESS TO THE SITE OR ADJACENT SITES. CONTRACTOR WILL COORDINATE HIS WORK TO ACCOMMODATE SUCH ACTIVITIES AT NO ADDITIONAL COST TO CITY.
22. FLOOD TEST. CONTRACTOR WILL FLOOD TEST ENTIRE AREA WITHIN LIMITS OF WORK IN PRESENCE OF OWNER OR OWNER REPRESENTATIVE. ANY AREA THAT PONDS WATER OVER 1/4" WILL BE REMOVED AND REPLACED WITH PLAYGROUND ASPHALT MIX TO OMIT PONDING CONDITIONS.

LIST OF DRAWINGS

1. TITLE SHEET
- 2-3. DEMOLITION PLANS
- 4-5. CONSTRUCTION PLANS
- 6-7. STRIPING PLANS
8. DETAILS

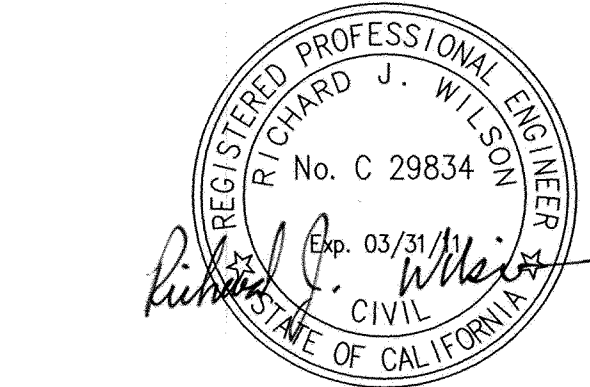
LEGEND

	LIMITS OF WORK
	TYPE 2 SLURRY
	GRIND AND PATCH PCC
	FEATHER GRADE ASPHALT/PCC CONNECTION
	SAWCUT, REMOVE AND REPLACE ASPHALT
	SAWCUT LINE
	CONCRETE GUTTER
	CONCRETE CROSS GUTTER
	SIGN
	EX CURB AND GUTTER
	EX CONTOUR
	EX FIRE HYDRANT
	EX STREET LIGHT
	EX PARKING LOT LIGHT
	EX POWER POLE
	EX GUY WIRE & ANCHOR
	EX CATCH BASIN
	EX MANHOLE
	EX HANDICAP PARKING STALL
	EX SIGN
	EX TREE
	EX SPEED BUMP
	EX LANDSCAPE PLANTER
	EX/PROPOSED NO PARKING AREAS
	EX/PROPOSED STOP BAR AND STENCIL
	EX/PROPOSED DRIVE DIRECTION ARROWS
	EX/PROPOSED HANDICAP NO PARKING AREAS
	TOPSOIL FILL



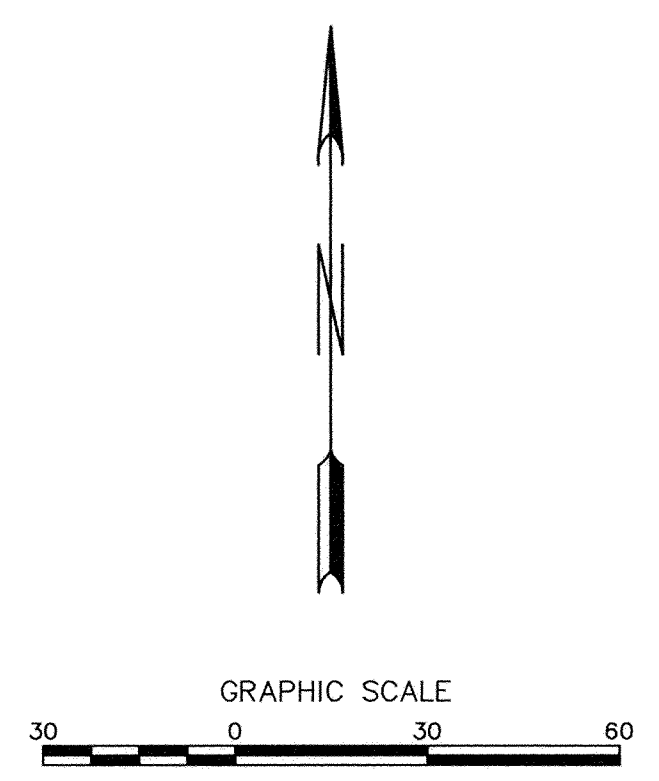
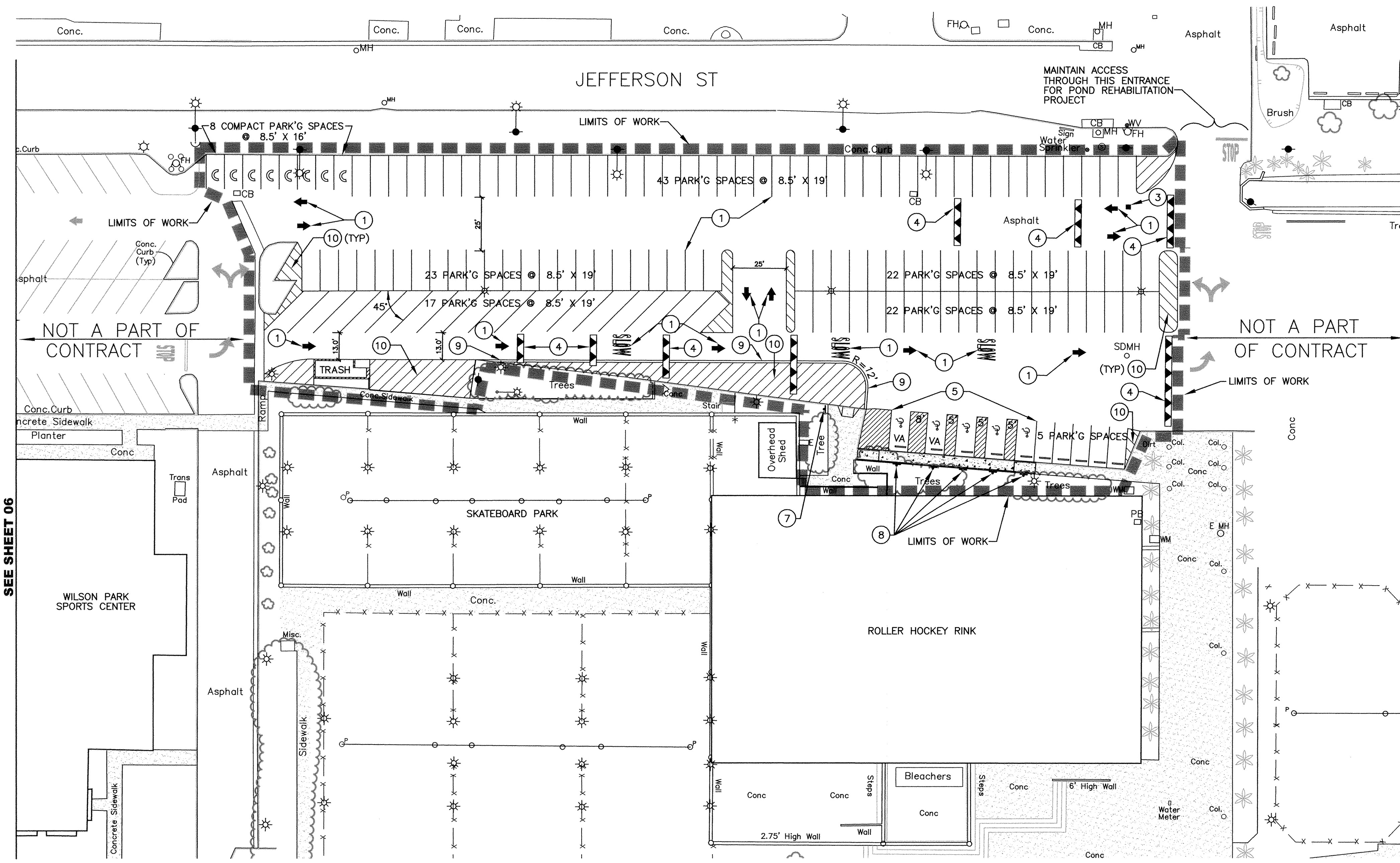
VICINITY MAP
NOT TO SCALE

WILSON PARK
PARKING LOT REHABILITATION
TITLE SHEET



Bureau Veritas North America
1565 MAC ARTHUR BOULEVARD
COSTA MESA, CA 92626
Tel: (714) 431-4100 Fax: (714) 825-1669
www.us.bureauveritas.com

REV.	DATE	DESCRIPTION	BY	CHECKED	CITY OF TORRANCE PUBLIC WORKS DEPARTMENT	
					DRAWN: JO and RS DESIGNED: RICHARD J WILSON	APPROVED:
						ELIZABETH OVERSTREET DATE: 5/18/2010 ACTING CITY ENGINEER R.C.E. NO. 63944 EXP. 9/30/10
					PROJECT ENGINEER: RICHARD J WILSON	SCALE: AS SHOWN SHEET 1 OF 8
						PLAN NO. CP 404



- LEGEND**
- LIMITS OF WORK
 - TYPE 2 SLURRY
 - GRIND AND PATCH PCC
 - FEATHER GRADE ASPHALT/PCC CONNECTION
 - SAWCUT AND REMOVE ASPHALT
 - SAWCUT LINE
 - CONCRETE GUTTER
 - CONCRETE CROSS GUTTER
 - SIGN
 - EX CURB AND GUTTER
 - EX CONTOUR
 - EX FIRE HYDRANT
 - EX STREET LIGHT
 - EX PARKING LOT LIGHT
 - EX POWER POLE
 - EX GUY WIRE & ANCHOR
 - EX CATCH BASIN
 - EX MANHOLE
 - EX HANDICAP PARKING STALL
 - EX SIGN
 - EX TREE
 - EX SPEED BUMP
 - EX LANDSCAPE PLANTER
 - PROPOSED NO PARKING AREAS
 - PROPOSED STOP BAR AND STENCIL
 - PROPOSED DRIVE DIRECTION ARROWS
 - PROPOSED HANDICAP NO PARKING AREAS
 - TOPSOIL FILL

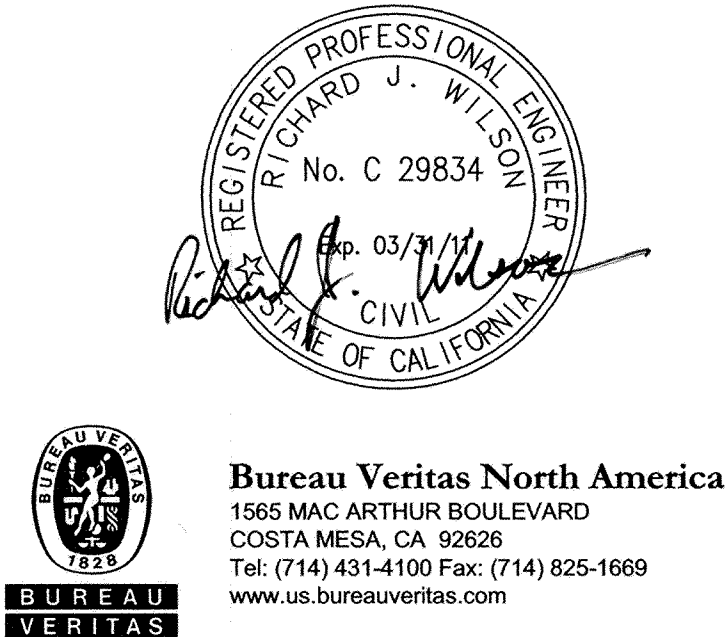
THE FOLLOWING NOTES WERE PREPARED TO GUIDE THE CONTRACTOR AS TO THE GENERAL SCOPE OF WORK AND NOT INTENDED TO COVER EACH PRECISE ITEM. THE CONTRACTOR WILL REMOVE, CONSTRUCT, MODIFY, RECONSTRUCT, AND/OR PROTECT ALL NECESSARY IMPROVEMENTS TO COMPLETE ALL DEMOLITION AND CONSTRUCTION REGARDING ANY NEW IMPROVEMENTS OR NEW ADDITIONS, INCLUDING ANY NECESSARY MODIFICATIONS.

ALL WORK SHALL BE COMPLETED IN COMPLIANCE WITH PLANS, DETAILS, CITY REQUIREMENTS AND SITE CONDITIONS.

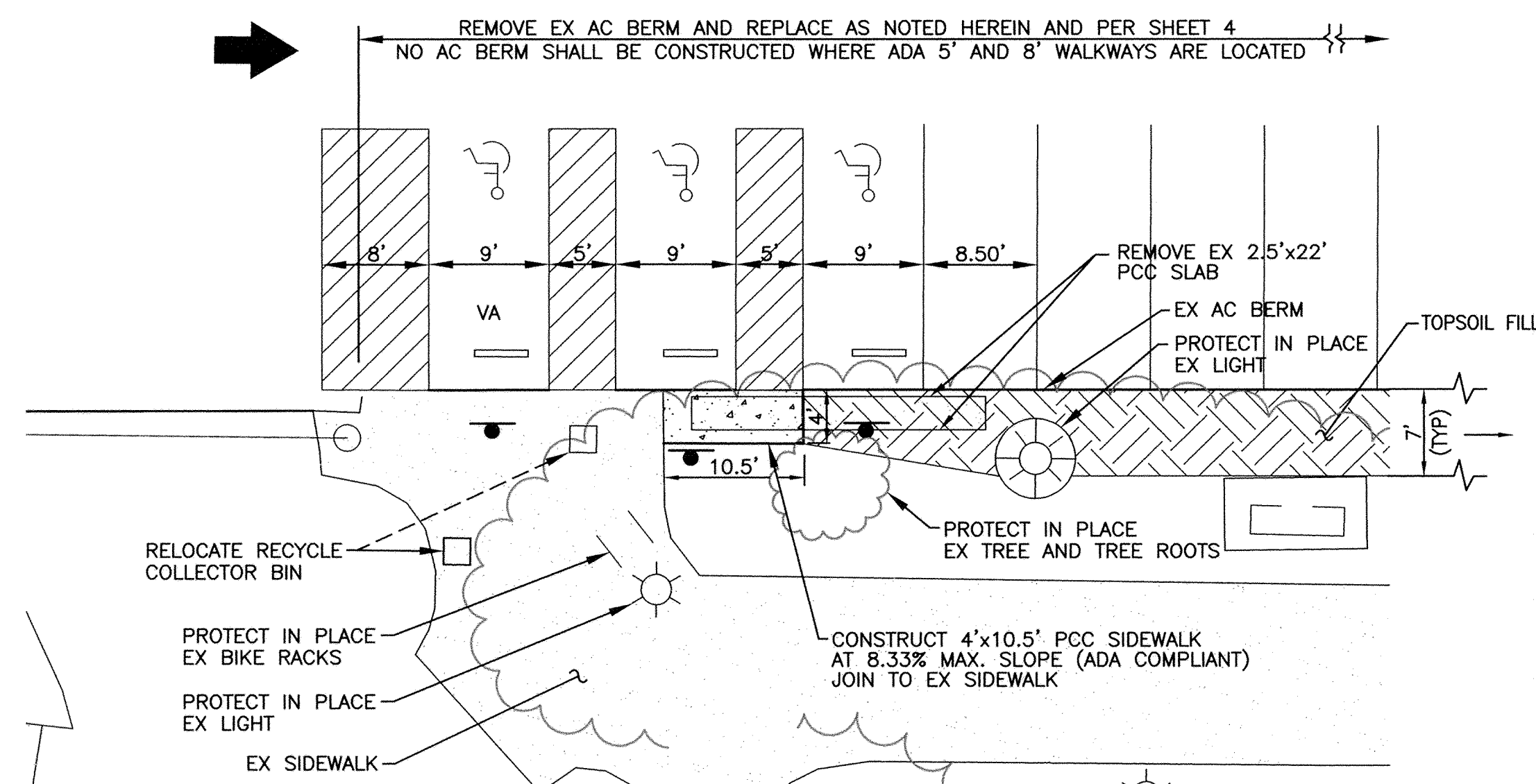
NOTE:
CONTRACTOR SHALL LAYOUT ALL STRIPING AND THEN COORDINATE WITH THE CITY FOR FINAL APPROVAL BEFORE PAINTING.

SIGNING AND STRIPING NOTES:

- STRIPE ALL PARKING AREAS, NO PARKING AREAS, DIRECTIONAL ARROWS, STENCIL "STOP", "SLOW", ETC. TO MATCH EXISTING IMPROVEMENTS (TWO COATS PAINT)
 - STALLS (SHALL BE DOUBLE BAR IN ALL LOCATIONS), LEGENDS AND ARROWS (WHITE)
 - "NO PARKING" ZONES (YELLOW)
 - DISABLED PARKING (BLUE)
 - THE LETTER "C" FOR COMPACT STALLS (WHITE)
- INSTALL BLUE REFLECTOR FOR THE PURPOSE OF LOCATING THE NEARBY FIRE HYDRANT IN CASE OF EMERGENCY. CONFIRM EXACT LOCATION WITH THE CITY PRIOR TO INSTALLATION
- CONTRACTOR SHALL TEMPORARILY REMOVE EXISTING SPEED BUMPS (EIGHT LOCATIONS) PRIOR TO RESTRIPIING PARKING LOT
- STRIPE DISABLED PARKING PER A.D.A. STANDARDS AS SHOWN
- INSTALL "DO NOT ENTER" SIGN ADJACENT TO CURB IN LANDSCAPED AREA. SIGN SHALL FACE EASTERLY
- INSTALL HANDICAP PARKING SIGNS PER A.D.A. STANDARDS AS SHOWN - VAN ACCESSABLE WHERE APPLICABLE
- PAINT 8" WIDE SOLID WHITE STRIPE (± 70 LF)
- PAINT 4" WIDE SOLID WHITE STRIPE

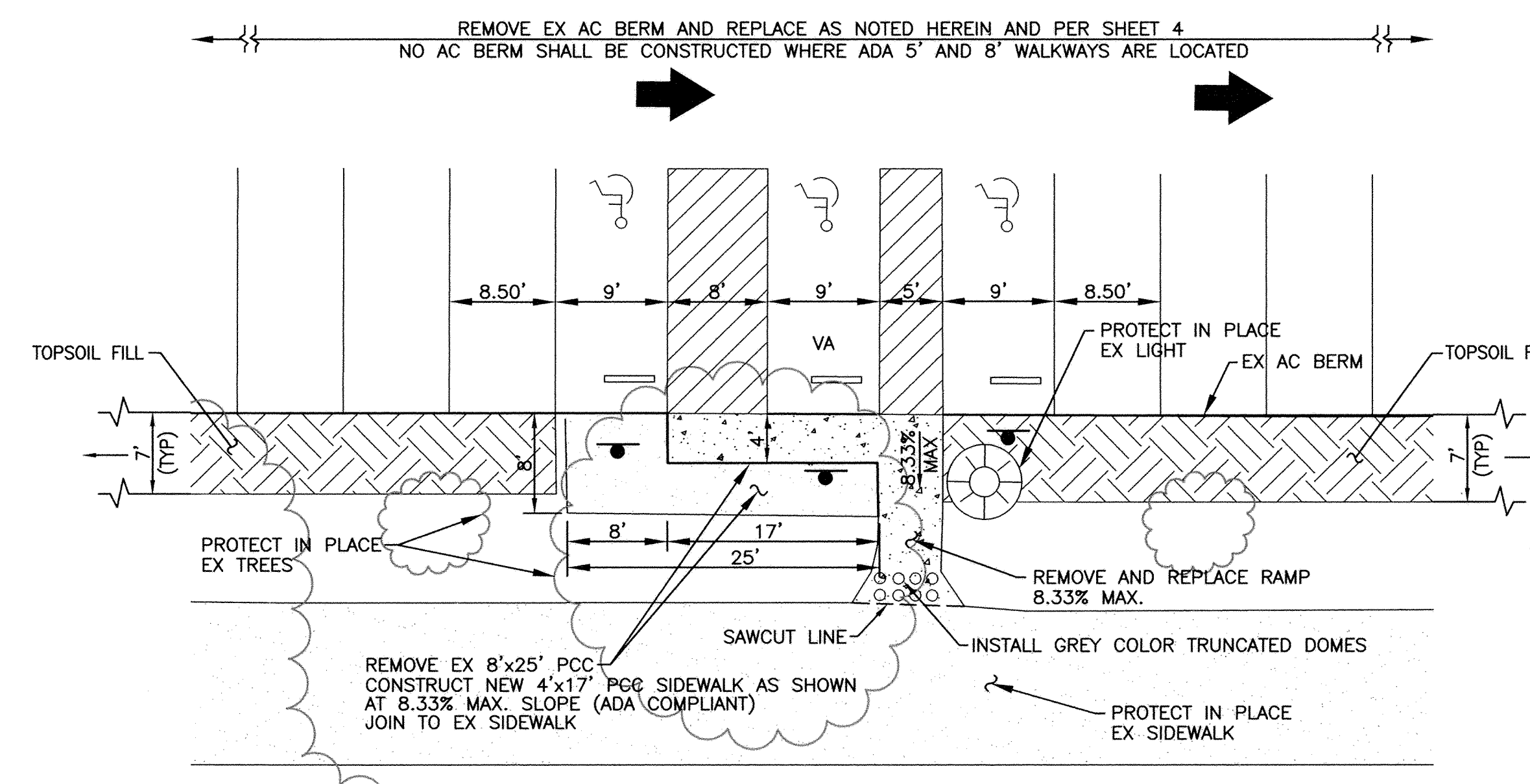


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					DRAWN: JO and RS	APPROVED: <i>Elizabeth Overstreet</i>
					DESIGNED: RICHARD J WILSON	ELIZABETH OVERSTREET ACTING CITY ENGINEER R.C.E. No. 63944 DATE: 5/18/2010 E&P, 9/30/10
					PROJECT ENGINEER: RICHARD J. WILSON	SCALE: AS SHOWN SHEET 7 OF 8
						PLAN NO. CP 404



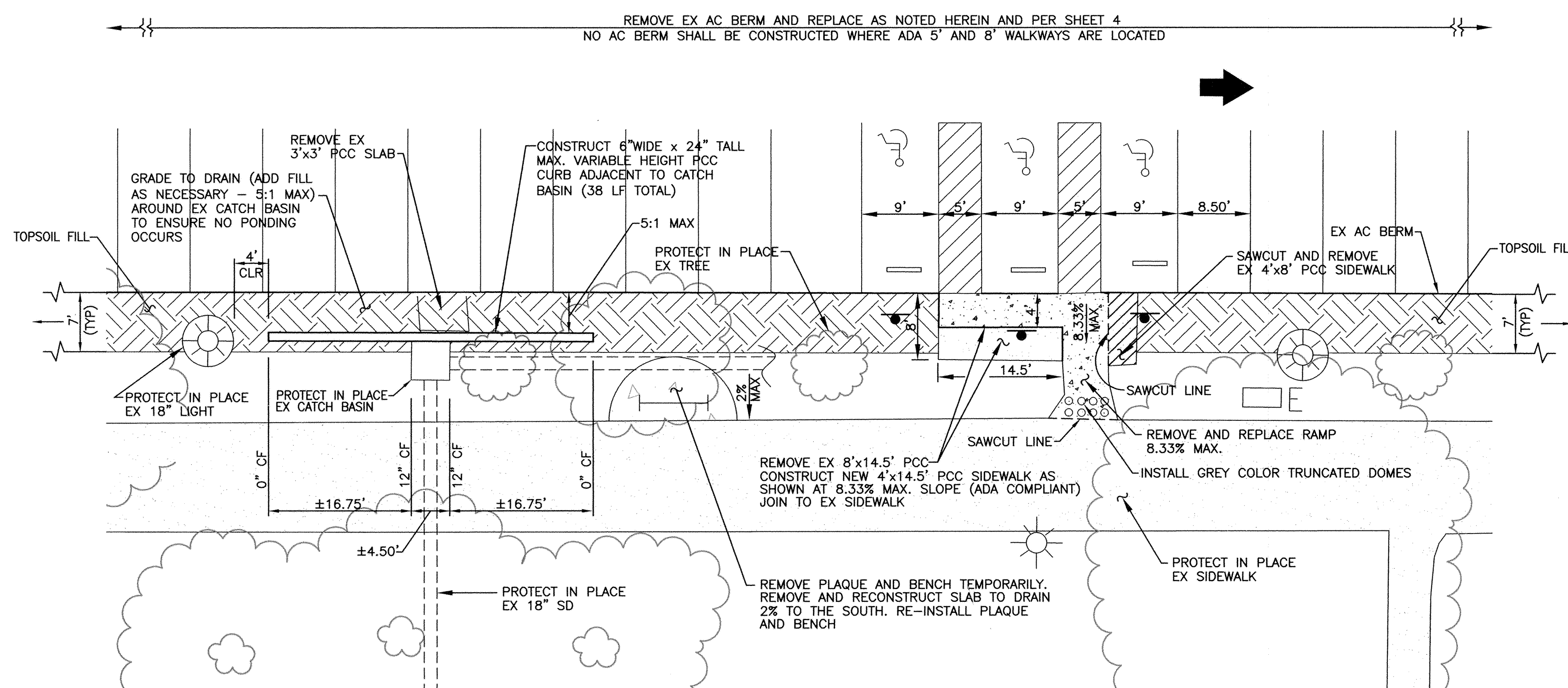
DETAIL # 1

SCALE: 1" = 10'



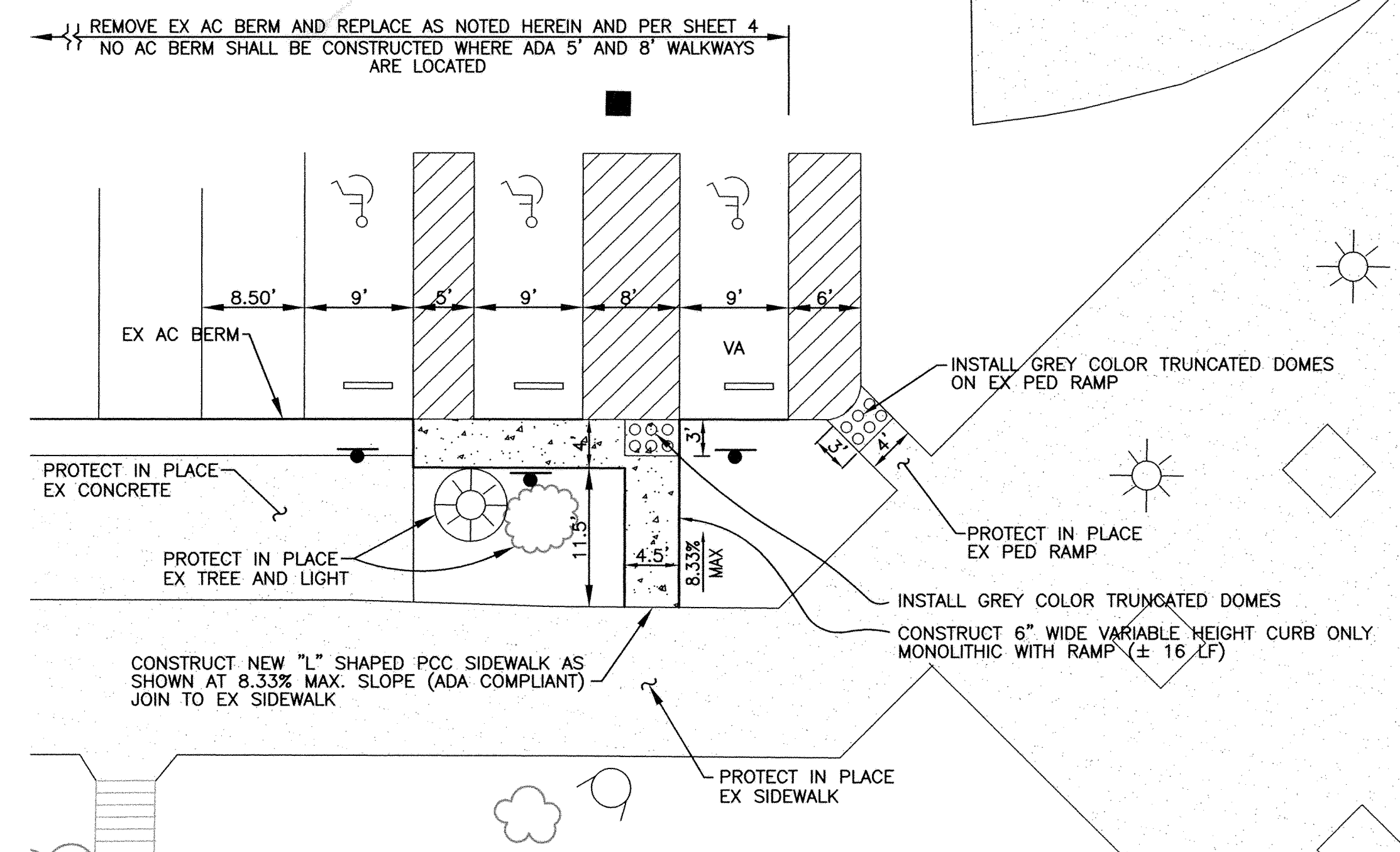
DETAIL # 2

SCALE: 1" = 10'



DETAIL # 3

SCALE: 1" = 10'



DETAIL # 4

SCALE: 1" = 10'

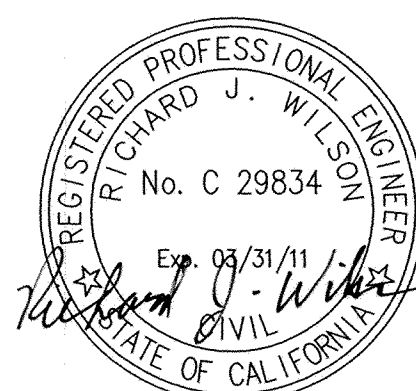
"DESCRIPTION OF OBJECT" - (EXISTING LOCATION OF OBJECT, DENOTED BY DASHED LEADER LINE)
- (NEW LOCATION OF OBJECT, DENOTED BY SOLID LEADER LINE)

RELOCATION DETAIL
NTS

LEGEND



TOPSOIL FILL



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						SCALE: AS SHOWN SHEET 8 OF 8
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